# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 00:00 on Monday 07 Feb 2022 until 23:59 on Tuesday 08 Feb 2022

Forecast Issued on Sunday 06 Feb 2022 at 12:34

**Confidence:** High for generally unsettled at first then improving towards the end of the week.

**Headline for Monday 07 Feb 2022:** Rain from around late morning. Turning largely dry towards early evening.

**Mountain weather hazards on Monday 07 Feb 2022**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>Low Likelihood | **Poor visibility**<br>Medium Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| Clear night | Clear night | Partly cloudy (night) | Cloudy | Light rain | Heavy Rain | Cloudy | Cloudy |
| Precipitation probability | | | | | | | |
| 00% | 00% | 00% | <05% | 70% | 90% | 20% | 10% |

**Forecast for Monday 07 Feb 2022**

**Weather:** Dry with clear skies overnight. Cloud thickening and lowering through the morning, with patchy rain reaching from the west late morning. Rain becoming more persistent early to mid-afternoon, then largely clearing south late afternoon, with most dry for the evening.

**Chance of cloud-free hill tops above 600m:** 90% becoming 10-20% early to mid-afternoon, before improving 80% towards early evening.

**Low cloud and visibility:** Good or very good, becoming moderate or poor in rain, very poor in hill fog with bases becoming quite extensive above 450m early to mid-afternoon.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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# Mountain Weather Forecast

**Forecast for Monday 07 Feb 2022**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 25/35 NW | 18/27 W | 13/19 SW | 17/23 SW | 22/30 SW | 25/34 SW | 25/35 W | 26/37 SW | 26/38 SW |
| **300** | 17/26 NW | 12/20 W | 8/14 W | 11/18 SW | 15/23 SW | 18/27 SW | 16/27 SW | 18/29 SW | 19/30 SW |
| **Valley** | 11/26 NW | 5/16 W | 3/12 W | 5/15 SW | 9/21 SW | 11/25 SW | 12/26 SW | 12/27 SW | 12/28 SW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | -1/-9 | -1/-8 | -1/-7 | -0/-6 | 2/-5 | 5/-1 | 6/0 | 5/-0 | 5/-1 |
| **300** | 2/-4 | 2/-3 | 1/-2 | 2/-3 | 4/-0 | 7/3 | 8/4 | 8/4 | 7/3 |
| **Valley** | 2/-2 | 1/-2 | 0/-2 | 2/-1 | 4/1 | 7/4 | 8/5 | 8/5 | 8/4 |
| **Freezing Level*** | 400m | 300m | 400m | 600m | 1500m | 1900m | 1500m | 1800m | 2100m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**
Navigation difficult early to mid-afternoon.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 15:00 on Sun 06 Feb 2022 | 30.6mm | 47.6mm | 54.2mm |

**Forecast for Tuesday 08 Feb 2022**
**Weather:** Cloudy with occasional patchy rain, mostly light and more likely later in the day.

**Maximum wind:** West or southwest mean 25-30mph, with gusts 40-45mph across most exposed ridges and summits.

**Chance of cloud-free hill tops above 600m:** 10-20%

**Low cloud and visibility:** Good becoming moderate or poor in rain, very poor in hill fog with bases quite extensive from 450m.

**Temperature:** **Valleys:** Plus 6 Celsius increasing 14 Celsius for a time during the afternoon
**At 600m:** Plus 6 Celsius
**Freezing level:** Well above summits

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